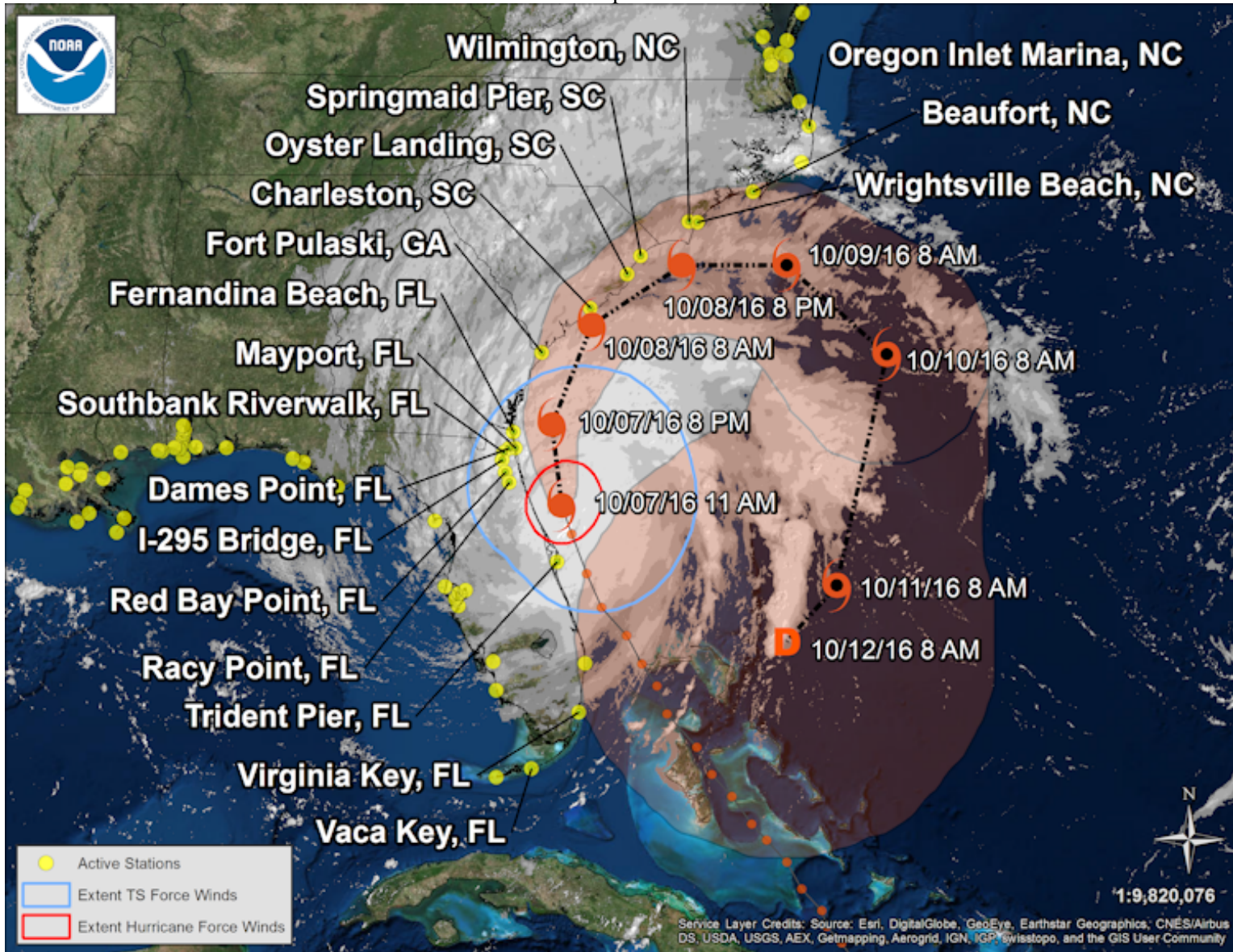




Hurricane MATTHEW QuickLook Posted: 12:00 EDT 10/07/2016

NOAA and NOAA Partnership Stations Relative to the Storm



Storm Analysis

As of 10/07/2016 12:00 EDT, water levels into St. Johns River, closest to the storm, range from 1.5 to 3.5 ft above tidal predictions. Water levels north of Florida, and the storm, range from 0.5 to 1.5 ft above tidal predictions. Along the eastern coast of Southern Florida, water levels continue to plot above normal tidal levels ranging between 0.5 and 1 ft above tidal predictions.

Winds are increasing for stations into St. Johns River, ranging from 20 to 40 knots with gusts up to 47 knots at Red Bay Point. Winds from Georgia to North Carolina are normal, ranging from 10 to 15 knots with gusts slightly higher. Winds along the eastern coast of Southern Florida are decreasing slightly, currently measuring 9 to 37 kts with gusts up to 49 kts at Trident Pier.

Barometric pressure continues to decrease for stations into St. Johns River and into South Carolina. Barometric pressure is constant for stations in North Carolina, and increasing for stations along the southern coast of Florida.

Water Level and Meteorological plots available below are updated automatically. A line denoting Mean Higher High Water (MHHW) is displayed to provide an approximate indication of when flooding inundation may occur.

For additional data, please see the [Center for Operational Oceanographic Products & Services](#) website. For more information or archived products and reports, please see the [Storm QuickLook](#) Homepage.

Analyst: KLO

SELECT NATIONAL HURRICANE CENTER ADVISORY 000
WTNT34 KNHC 071455

BULLETIN
HURRICANE MATTHEW ADVISORY NUMBER 38
NWS NATIONAL HURRICANE CENTER MIAMI FL AL142016
1100 AM EDT FRI OCT 07 2016

...WESTERN EYEWALL OF DANGEROUS HURRICANE MATTHEW BRUSHING PORTIONS OF THE
NORTHEAST COAST OF FLORIDA...

WATCHES AND WARNINGS

----- CHANGES WITH THIS ADVISORY:

The Hurricane Warning has been extended northeastward to Surf City North Carolina. The Hurricane Warning from Sebastian Inlet to Cocoa Beach Florida has been changed to a Tropical Storm Warning. The Tropical Storm Warning south of Sebastian Inlet has been discontinued. The Tropical Storm Warning and Tropical Storm Watch along the west coast of Florida has been discontinued.

A Tropical Storm Warning has been issued from north of Surf City to Duck, North Carolina, including the Pamlico and Albemarle Sounds.

A Hurricane Watch has been issued from Surf City to Cape Lookout North Carolina.

SUMMARY OF WATCHES AND WARNINGS IN EFFECT:

A Hurricane Warning is in effect for...

* Cocoa Beach to Surf City

A Hurricane Watch is in effect for...

- * North of Surf City to Cape Lookout

A Tropical Storm Warning is in effect for...

- * Sebastian Inlet to Cocoa Beach

- * North of Surf City to Duck

- * Pamlico and Albemarle Sounds

For storm information specific to your area, including possible inland watches and warnings, please monitor products issued by your local National Weather Service forecast office.

DISCUSSION AND 48-HOUR OUTLOOK

At 1100 AM EDT, the eye of Hurricane Matthew was located near 29.4N 80.5W. Matthew is moving toward the north-northwest near 13 mph, and this general motion is expected to continue today. A turn toward the north is expected tonight or Saturday. On the forecast track, the center of Matthew will continue to move near or over the coast of northeast Florida and Georgia through tonight, and near or over the coast of South Carolina on Saturday.

Maximum sustained winds are near 120 mph with higher gusts. Matthew is a category 3 hurricane on the Saffir-Simpson Hurricane Wind Scale. Although weakening is forecast during the next 48 hours, Matthew is expected to remain a hurricane until it begins to move away from the United States on Sunday.

Hurricane-force winds extend outward up to 60 miles from the center and tropical-storm-force winds extend outward up to 185 miles. A wind gust to 69 mph was recently reported at St. Augustine.

The latest minimum central pressure reported by an Air Force Hurricane Hunter plane was 947 mb.

HAZARDS AFFECTING LAND

WIND: Hurricane and tropical storm conditions are expected to continue over the warning area in Florida today, and spread northward within the warning area through Saturday.

Residents in high-rise buildings should be aware that the winds at the top of a 30-story building will be, on average, about one Saffir-Simpson category higher than the winds near the surface.

Tropical storm conditions are expected to first reach the tropical storm warning area in North Carolina on Saturday morning.

STORM SURGE: The combination of a dangerous storm surge, the tide, and large and destructive waves will cause normally dry areas near the coast to be flooded by rising waters moving inland from the shoreline. The water could reach the following heights above ground if the peak surge occurs at the time of high tide...

Flagler Beach, Florida, to Edisto Beach, South Carolina, including portions of the St. Johns River...6 to 9 ft

Cocoa Beach to Flagler Beach, Florida...4 to 6 ft

Edisto Beach, South Carolina to Cape Fear, North Carolina...4 to 6 ft

Sebastian Inlet to Cocoa Beach, Florida...2 to 4 ft

Cape Fear to Salvo, North Carolina, including portions of the Pamlico and Albemarle Sounds...2 to 4 ft

The deepest water will occur along the immediate coast in areas of onshore winds. Surge-related flooding depends on the relative timing of the surge and the tidal cycle, and can vary greatly over short distances. Large waves generated by Matthew will cause water rises to occur well in advance of and well away from the track of the center. For information specific to your area, please see products issued by your local National Weather Service forecast office.

There is a danger of life-threatening inundation during the next 36 hours along the Florida northeast coast, the Georgia coast, the South Carolina coast, and the North Carolina coast from Sebastian Inlet, Florida, to Cape Fear, North Carolina. There is the possibility of life-threatening inundation during the next 48 hours from north of Cape Fear to Salvo, North Carolina. For a depiction of areas at risk, please see the Prototype National Weather Service Storm Surge Watch/Warning Graphic. For information specific to your area, please see products issued by your local National Weather Service forecast office.

The Prototype Storm Surge Watch/Warning Graphic is a depiction of areas that would qualify for inclusion under a storm surge watch or warning currently under development by the National Weather Service and planned for operational use in 2017. The Prototype Graphic is available at hurricanes.gov.

RAINFALL: Matthew is expected to produce total rain accumulations of 8 to 12 inches over the Atlantic coast of the United States from central Florida to eastern North Carolina...with possible isolated maximum amounts of 15 inches. This rainfall may result in flooding and flash flooding.

TORNADOES: An isolated tornado or two is possible along the South Carolina, Georgia, and northeast Florida coasts today.

SURF: Swells generated by Matthew will continue to affect portions of the Bahamas and the east coast of Florida during the next few days, and will spread northward along the southeast U.S. coast through the weekend. These swells will likely cause life-threatening surf and rip current conditions. Please consult products from your local weather office.

NEXT ADVISORY

Next intermediate advisory at 200 PM EDT.
Next complete advisory at 500 PM EDT.

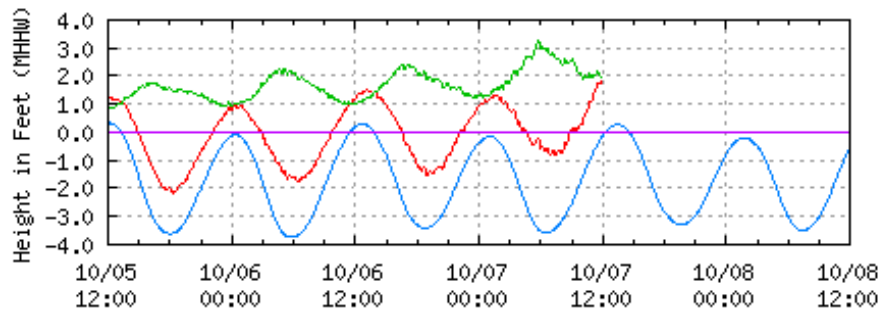
\$\$
Forecaster Avila

For the purpose of timely release, data contained within this QuickLook have undergone a "limited" NOS Quality Assurance/Control; however, the data have not yet undergone final verification. All data subject to NOS verification.

Jump to: [Mayport \(Bar Pilots Dock\) - Water Level](#), [Mayport \(Bar Pilots Dock\) - Winds](#), [Mayport \(Bar Pilots Dock\) - Barometric](#), [Dames Point - Water Level](#), [Southbank Riverwalk](#), [St Johns River - Water Level](#), [I-295 Bridge](#), [St Johns River - Water Level](#), [I-295 Bridge](#), [St Johns River - Winds](#), [I-295 Bridge](#), [St Johns River - Barometric](#), [Red Bay Point](#), [St Johns River - Water Level](#), [Red Bay Point](#), [St Johns River - Winds](#), [Red Bay Point](#), [St Johns River - Barometric](#), [Racy Point](#), [St Johns River - Water Level](#), [Fernandina Beach - Water Level](#), [Fernandina Beach - Winds](#), [Fernandina Beach - Barometric](#), [Fort Pulaski - Water Level](#), [Fort Pulaski - Winds](#), [Charleston - Water Level](#), [Charleston - Winds](#), [Charleston - Barometric](#), [Oyster Landing \(N Inlet Estuary\) - Water Level](#), [Springmaid Pier -](#)

Water Level, Springmaid Pier - Winds, Wrightsville Beach - Water Level, Wrightsville Beach - Winds, Wrightsville Beach - Barometric, Wilmington - Water Level, Beaufort - Water Level, Beaufort - Winds, Beaufort - Barometric, Oregon Inlet Marina - Water Level, Oregon Inlet Marina - Winds, Trident Pier - Water Level, Trident Pier - Winds, Trident Pier - Barometric, Virginia Key - Water Level, Virginia Key - Winds, Vaca Key - Water Level, Vaca Key - Winds, Vaca Key - Barometric

NOAA/NOS/CO-OPS 8720218 Mayport (Bar Pilots Dock), FL
Preliminary Water Level, relative to Mean Higher High Water (MHHW)



Predicted Tide — (Obs-Pred) —
Observed WL — MHHW —

Last Observed Sample: 10/07/2016 12:00 (EDT). Data relative to MHHW

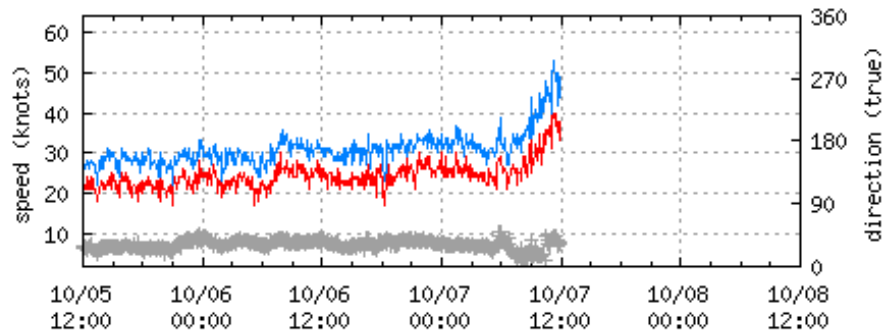
Observed: 1.80 ft. Predicted: -0.12 ft. Residual: 1.92 ft.

Historical Maximum Water Level: Sep 27 2004, 2.47 ft.

Next High Tide: 10/07/2016 13:25 (EDT), 0.27 ft.

NOAA/NOS/CO-OPS 8720218 Mayport (Bar Pilots Dock), FL

Wind Speed / Gusts / Direction

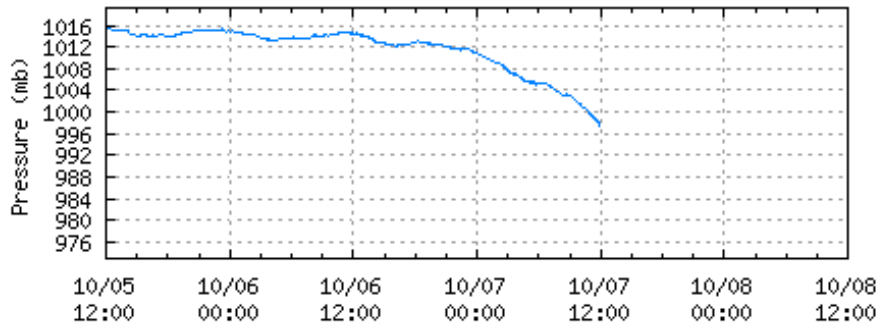


speed — gusts — direction +

Last Observed Sample: 10/07/2016 12:00 (EDT)

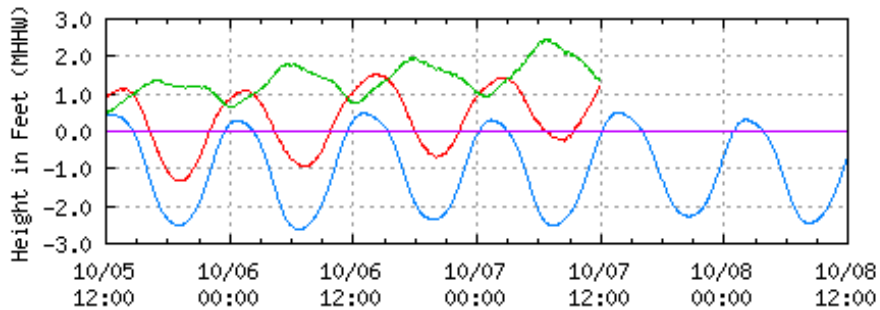
Wind Speed: 38 knots Gusts: 48 knots Direction: 38° T

NOAA/NOS/CO-OPS 8720218 Mayport (Bar Pilots Dock), FL
Barometric Pressure



barometric pressure —
Last Observed Sample: 10/07/2016 12:00 (EDT)
Barometric Pressure: 997.5 mb

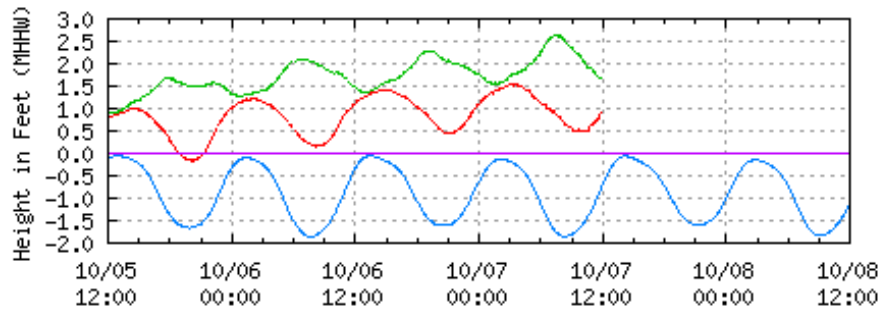
NOAA/NOS/CO-OPS 8720219 Dames Point, FL
Preliminary Water Level, relative to Mean Higher High Water (MHHW)



Predicted Tide — (Obs-Pred) —
Observed WL — MHHW —

Last Observed Sample: 10/07/2016 12:00 (EDT). Data relative to MHHW
Observed: 1.24 ft. Predicted: -0.09 ft. Residual: 1.33 ft.
Historical Maximum Water Level: Sep 17 2001, 2.40 ft.
Next High Tide: 10/07/2016 13:43 (EDT), 0.49 ft.

NOAA/NOS/CO-OPS 8720226 Southbank Riverwalk, St Johns River, FL
Preliminary Water Level, relative to Mean Higher High Water(MHHW)



Predicted Tide ——— (Obs-Pred) ———
Observed WL ——— MHHW ———

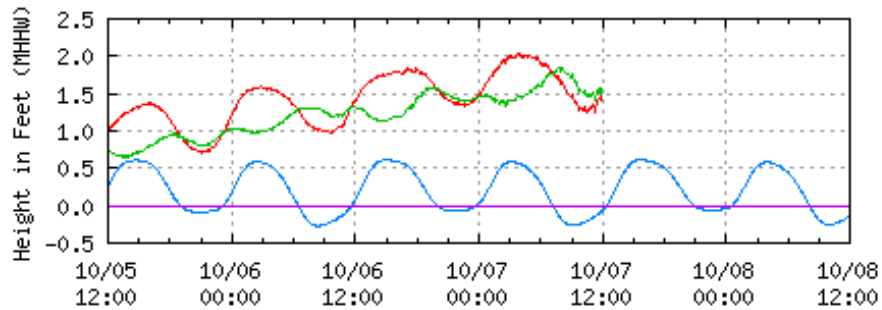
Last Observed Sample: 10/07/2016 11:54 (EDT). Data relative to MHHW

Observed: 0.88 ft. Predicted: -0.75 ft. Residual: 1.63 ft.

Historical Maximum Water Level: Sep 27 2004, 3.44 ft.

Next High Tide: 10/07/2016 14:11 (EDT), -0.06 ft.

NOAA/NOS/CO-OPS 8720357 I-295 Bridge, St Johns River, FL
Preliminary Water Level, relative to Mean Higher High Water(MHHW)



Predicted Tide ——— (Obs-Pred) ———
Observed WL ——— MHHW ———

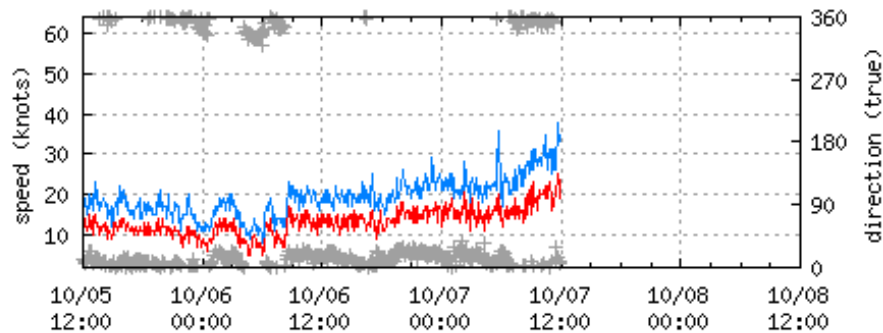
Last Observed Sample: 10/07/2016 12:00 (EDT). Data relative to MHHW

Observed: 1.47 ft. Predicted: -0.07 ft. Residual: 1.54 ft.

Historical Maximum Water Level: Sep 27 2004, 3.46 ft.

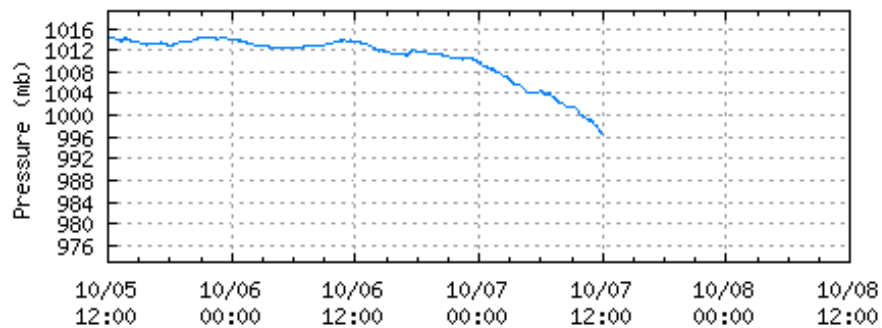
Next High Tide: 10/07/2016 15:40 (EDT), 0.62 ft.

NOAA/NOS/CO-OPS 8720357 I-295 Bridge, St Johns River, FL
Wind Speed / Gusts / Direction



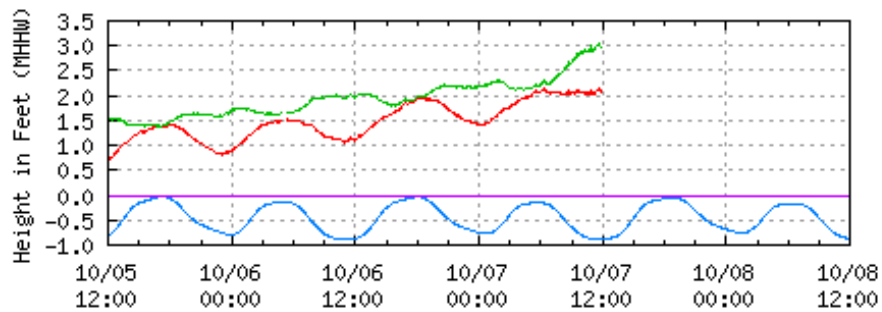
speed — gusts — direction +
Last Observed Sample: 10/07/2016 12:00 (EDT)
Wind Speed: 23 knots Gusts: 36 knots Direction: 2° T

NOAA/NOS/CO-OPS 8720357 I-295 Bridge, St Johns River, FL
Barometric Pressure



barometric pressure —
Last Observed Sample: 10/07/2016 12:00 (EDT)
Barometric Pressure: 996.5 mb

NOAA/NOS/CO-OPS 8720503 Red Bay Point, St Johns River, FL
Preliminary Water Level, relative to Mean Higher High Water(MHHW)



Predicted Tide — (Obs-Pred) —
Observed WL — MHHW —

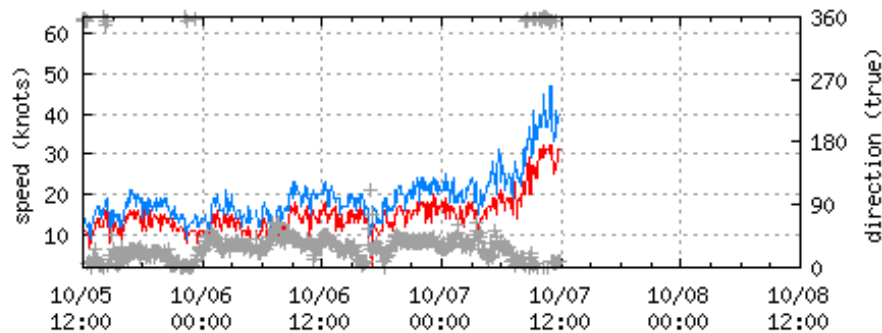
Last Observed Sample: 10/07/2016 12:00 (EDT). Data relative to MHHW

Observed: 2.06 ft. Predicted: -0.87 ft. Residual: 2.93 ft.

Historical Maximum Water Level: Sep 27 2004, 2.93 ft.

Next High Tide: 10/07/2016 18:50 (EDT), -0.04 ft.

NOAA/NOS/CO-OPS 8720503 Red Bay Point, St Johns River, FL
Wind Speed / Gusts / Direction

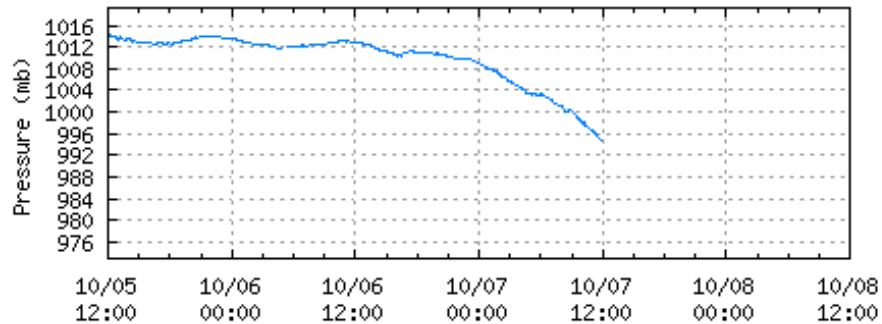


speed — gusts — direction +

Last Observed Sample: 10/07/2016 12:00 (EDT)

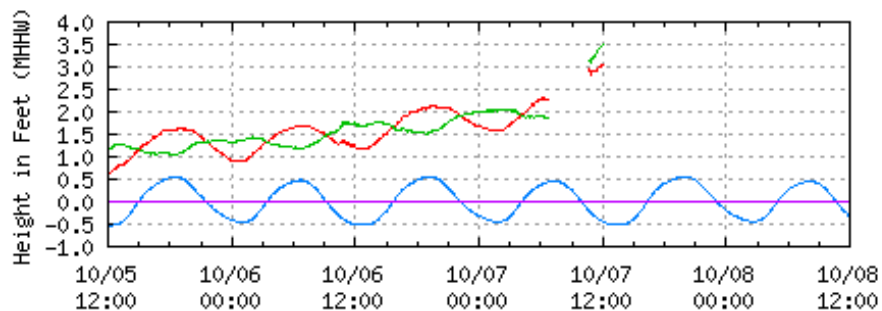
Wind Speed: 28 knots Gusts: 42 knots Direction: 3° T

NOAA/NOS/CO-OPS 8720503 Red Bay Point, St Johns River, FL
Barometric Pressure



barometric pressure —
Last Observed Sample: 10/07/2016 12:00 (EDT)
Barometric Pressure: 994.0 mb

NOAA/NOS/CO-OPS 8720625 Racy Point, St Johns River, FL
Preliminary Water Level, relative to Mean Higher High Water (MHHW)



Predicted Tide — (Obs-Pred) —
Observed WL — MHHW —

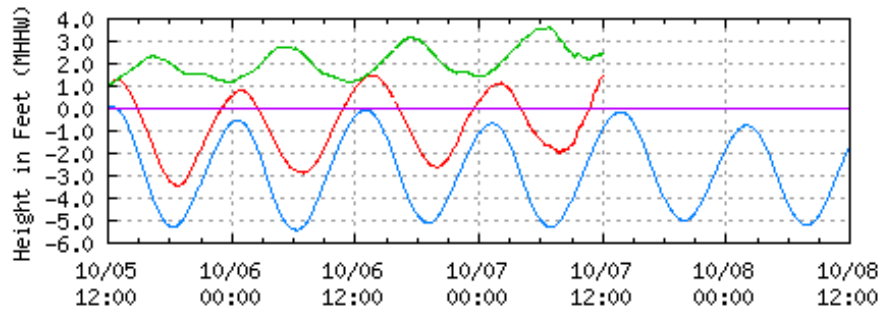
Last Observed Sample: 10/07/2016 12:00 (EDT). Data relative to MHHW

Observed: 3.06 ft. Predicted: -0.45 ft. Residual: 3.51 ft.

Historical Maximum Water Level: n/a

Next High Tide: 10/07/2016 19:58 (EDT), 0.56 ft.

NOAA/NOS/CO-OPS 8720030 Fernandina Beach, FL
Preliminary Water Level, relative to Mean Higher High Water(MHHW)



Predicted Tide — (Obs-Pred) —
Observed WL — MHHW —

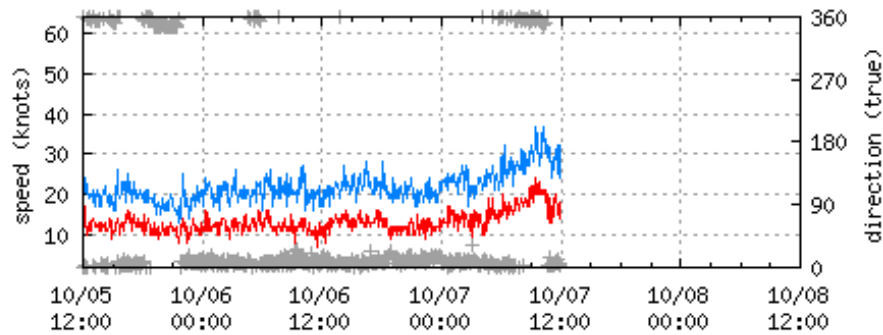
Last Observed Sample: 10/07/2016 12:00 (EDT). Data relative to MHHW

Observed: 1.49 ft. Predicted: -0.92 ft. Residual: 2.41 ft.

Historical Maximum Water Level: Oct 2 1898, 6.94 ft.

Next High Tide: 10/07/2016 13:44 (EDT), -0.15 ft.

NOAA/NOS/CO-OPS 8720030 Fernandina Beach, FL
Wind Speed / Gusts / Direction

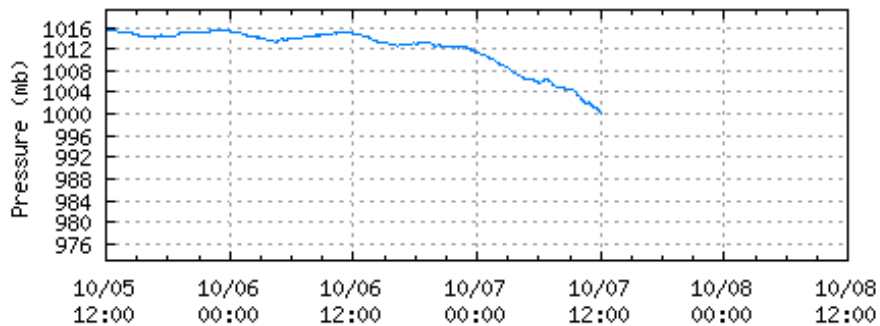


speed — gusts — direction +

Last Observed Sample: 10/07/2016 12:00 (EDT)

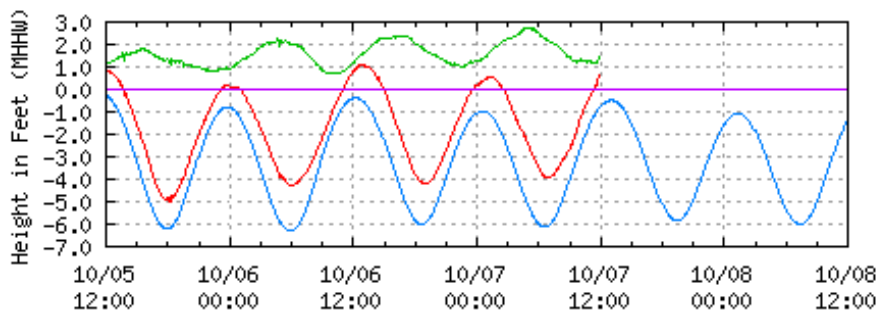
Wind Speed: 17 knots Gusts: 30 knots Direction: 10° T

NOAA/NOS/CO-OPS 8720030 Fernandina Beach, FL
Barometric Pressure



barometric pressure —
Last Observed Sample: 10/07/2016 12:00 (EDT)
Barometric Pressure: 1000.1 mb

NOAA/NOS/CO-OPS 8670870 Fort Pulaski, GA
Preliminary Water Level, relative to Mean Higher High Water (MHHW)

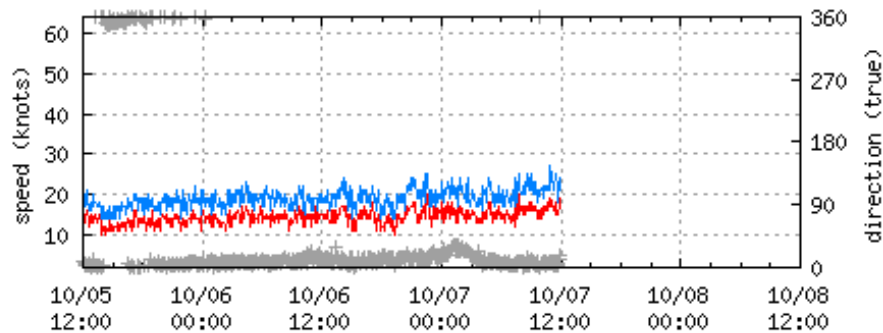


Predicted Tide — (Obs-Pred) —
Observed WL — MHHW —

Last Observed Sample: 10/07/2016 11:54 (EDT). Data relative to MHHW
Observed: 0.63 ft. Predicted: -0.81 ft. Residual: 1.44 ft.
Historical Maximum Water Level: Oct 15 1947, 3.40 ft.
Next High Tide: 10/07/2016 13:02 (EDT), -0.49 ft.

NOAA/NOS/CO-OPS 8670870 Fort Pulaski, GA

Wind Speed / Gusts / Direction



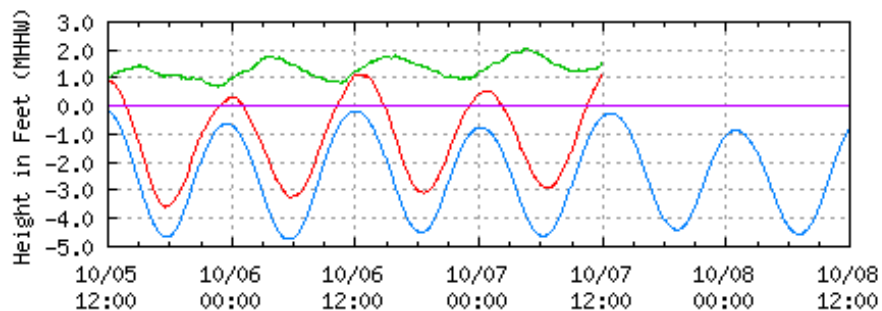
speed — gusts — direction +

Last Observed Sample: 10/07/2016 11:54 (EDT)

Wind Speed: 19 knots Gusts: 24 knots Direction: 18° T

NOAA/NOS/CO-OPS 8665530 Charleston, SC

Preliminary Water Level, relative to Mean Higher High Water (MHHW)



Predicted Tide —
Observed WL —

(Obs-Pred) —
MHHW —

Last Observed Sample: 10/07/2016 12:00 (EDT). Data relative to MHHW

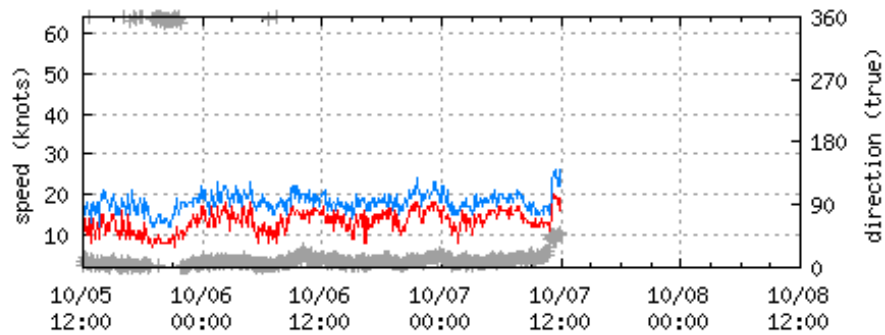
Observed: 1.21 ft. Predicted: -0.37 ft. Residual: 1.58 ft.

Historical Maximum Water Level: Sep 21 1989, 6.76 ft.

Next High Tide: 10/07/2016 12:47 (EDT), -0.26 ft.

NOAA/NOS/CO-OPS 8665530 Charleston, SC

Wind Speed / Gusts / Direction



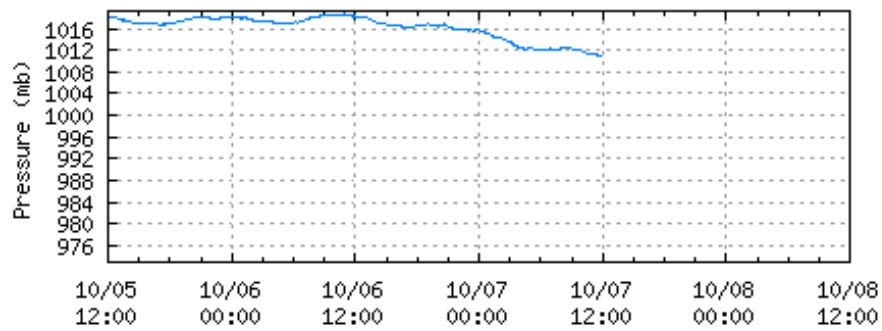
speed — gusts — direction +

Last Observed Sample: 10/07/2016 12:00 (EDT)

Wind Speed: 19 knots Gusts: 24 knots Direction: 46° T

NOAA/NOS/CO-OPS 8665530 Charleston, SC

Barometric Pressure

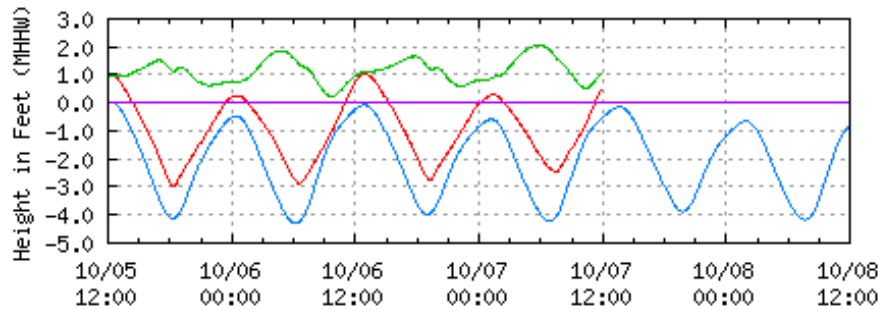


barometric pressure —

Last Observed Sample: 10/07/2016 12:00 (EDT)

Barometric Pressure: 1011.0 mb

NOAA/NOS/CO-OPS 8662245 Oyster Landing (N Inlet Estuary), SC
Preliminary Water Level, relative to Mean Higher High Water(MHHW)



Predicted Tide ——— (Obs-Pred) ———
Observed WL ——— MHHW ———

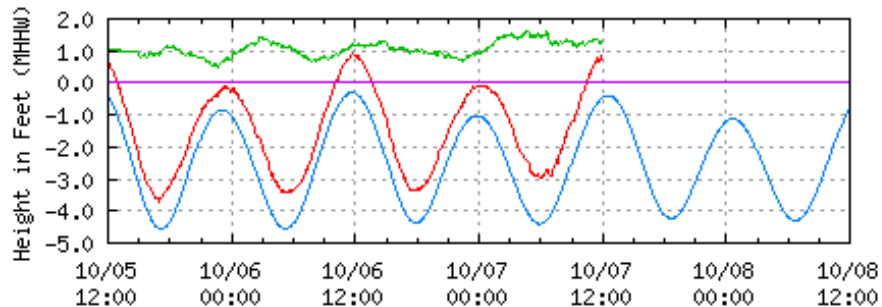
Last Observed Sample: 10/07/2016 11:54 (EDT). Data relative to MHHW

Observed: 0.52 ft. Predicted: -0.55 ft. Residual: 1.07 ft.

Historical Maximum Water Level: Aug 26 2011, 2.40 ft.

Next High Tide: 10/07/2016 13:39 (EDT), -0.14 ft.

NOAA/NOS/CO-OPS 8661070 Springmaid Pier, SC
Preliminary Water Level, relative to Mean Higher High Water(MHHW)



Predicted Tide ——— (Obs-Pred) ———
Observed WL ——— MHHW ———

Last Observed Sample: 10/07/2016 12:00 (EDT). Data relative to MHHW

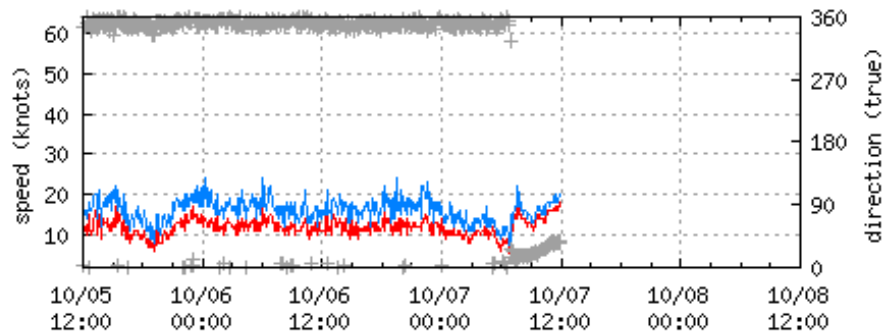
Observed: 0.89 ft. Predicted: -0.45 ft. Residual: 1.34 ft.

Historical Maximum Water Level: Jan 1 1987, 3.65 ft.

Next High Tide: 10/07/2016 12:32 (EDT), -0.39 ft.

NOAA/NOS/CO-OPS 8661070 Springmaid Pier, SC

Wind Speed / Gusts / Direction



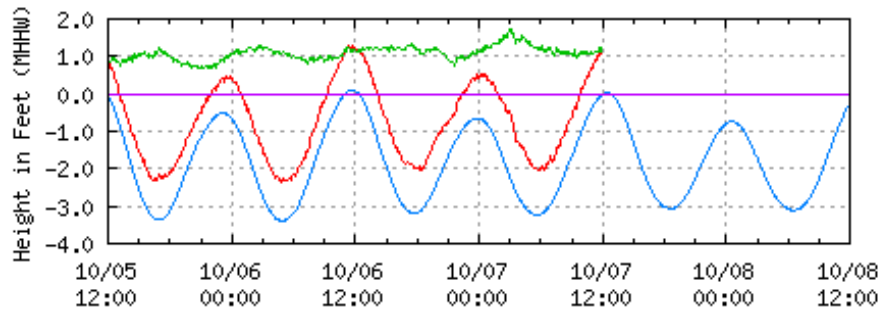
speed — gusts — direction +

Last Observed Sample: 10/07/2016 12:00 (EDT)

Wind Speed: 17 knots Gusts: 19 knots Direction: 34° T

NOAA/NOS/CO-OPS 8658163 Wrightsville Beach, NC

Preliminary Water Level, relative to Mean Higher High Water (MHHW)



Predicted Tide —
Observed WL —

(Obs-Pred) —
MHHW —

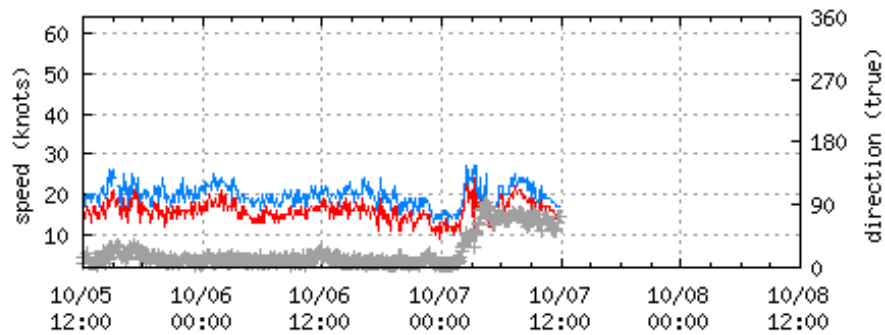
Last Observed Sample: 10/07/2016 12:00 (EDT). Data relative to MHHW

Observed: 1.19 ft. Predicted: -0.01 ft. Residual: 1.20 ft.

Historical Maximum Water Level: Sep 25 2008, 2.81 ft.

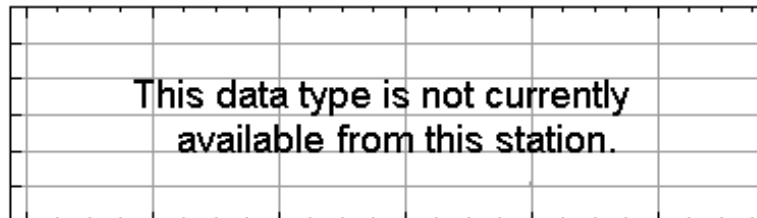
Next High Tide: 10/07/2016 12:26 (EDT), 0.03 ft.

NOAA/NOS/CO-OPS 8658163 Wrightsville Beach, NC
Wind Speed / Gusts / Direction

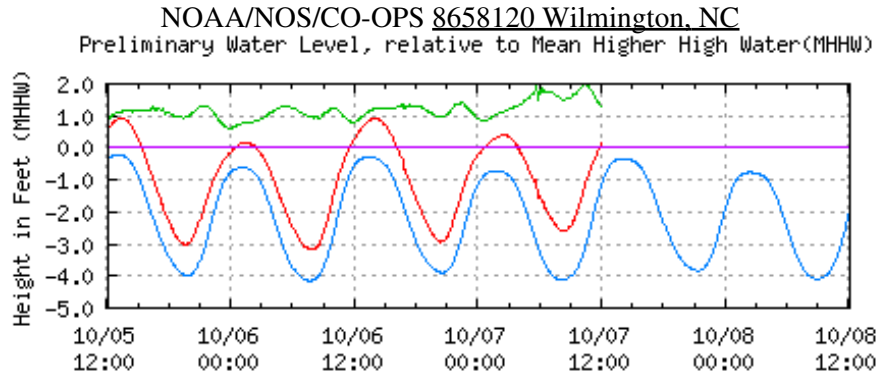


speed — gusts — direction +
Last Observed Sample: 10/07/2016 12:00 (EDT)
Wind Speed: 15 knots Gusts: 16 knots Direction: 70° T

NOAA/NOS/CO-OPS 8658163 Wrightsville Beach, NC
NOAA/NOS/CO-OPS



Last Observed Sample: 10/07/2016 12:00 (EDT)
Barometric Pressure: 1014.8 mb



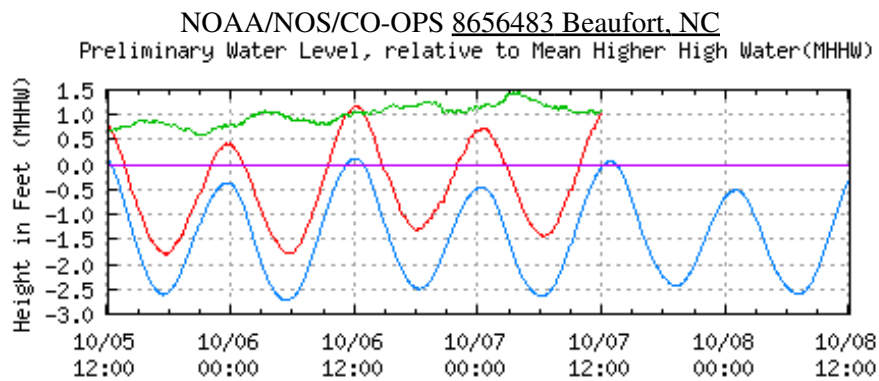
Predicted Tide ——— (Obs-Pred) ———
Observed WL ——— MHHW ———

Last Observed Sample: 10/07/2016 12:00 (EDT). Data relative to MHHW

Observed: 0.14 ft. Predicted: -1.14 ft. Residual: 1.28 ft.

Historical Maximum Water Level: Oct 15 1954, 3.47 ft.

Next High Tide: 10/07/2016 14:03 (EDT), -0.34 ft.



Predicted Tide ——— (Obs-Pred) ———
Observed WL ——— MHHW ———

Last Observed Sample: 10/07/2016 11:54 (EDT). Data relative to MHHW

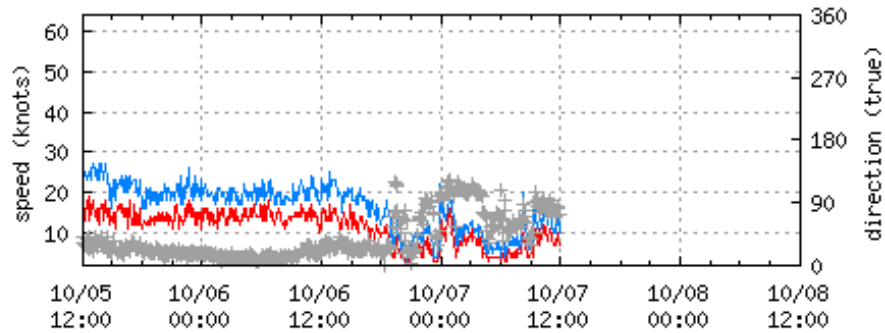
Observed: 1.00 ft. Predicted: -0.08 ft. Residual: 1.08 ft.

Historical Maximum Water Level: Sep 14 2005, 3.01 ft.

Next High Tide: 10/07/2016 12:51 (EDT), 0.07 ft.

NOAA/NOS/CO-OPS 8656483 Beaufort, NC

Wind Speed / Gusts / Direction



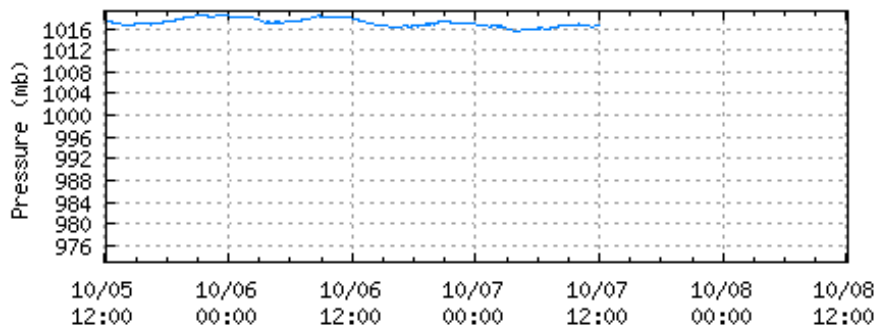
speed — gusts — direction +

Last Observed Sample: 10/07/2016 11:54 (EDT)

Wind Speed: 7 knots Gusts: 10 knots Direction: 73° T

NOAA/NOS/CO-OPS 8656483 Beaufort, NC

Barometric Pressure

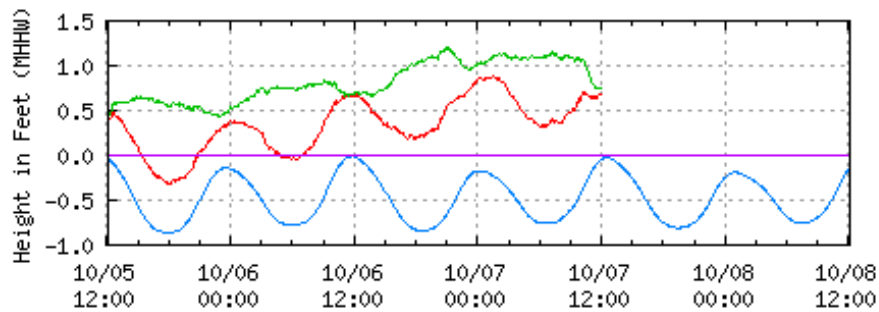


barometric pressure —

Last Observed Sample: 10/07/2016 11:54 (EDT)

Barometric Pressure: 1016.6 mb

NOAA/NOS/CO-OPS 8652587 Oregon Inlet Marina, NC
Preliminary Water Level, relative to Mean Higher High Water(MHHW)



Predicted Tide — (Obs-Pred) —
Observed WL — MHHW —

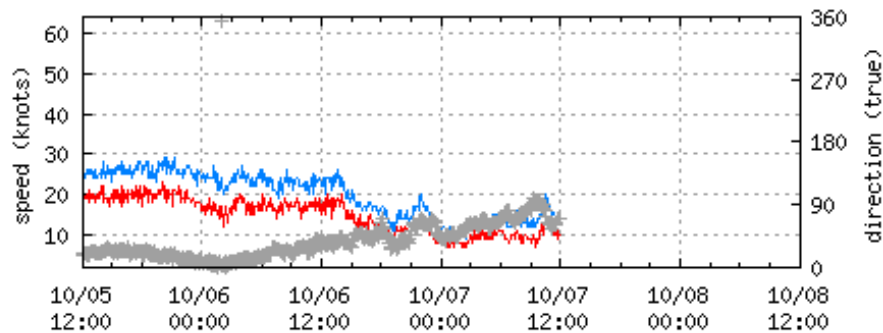
Last Observed Sample: 10/07/2016 11:54 (EDT). Data relative to MHHW

Observed: 0.69 ft. Predicted: -0.05 ft. Residual: 0.74 ft.

Historical Maximum Water Level: Aug 28 2011, 6.32 ft.

Next High Tide: 10/07/2016 12:29 (EDT), -0.03 ft.

NOAA/NOS/CO-OPS 8652587 Oregon Inlet Marina, NC
Wind Speed / Gusts / Direction

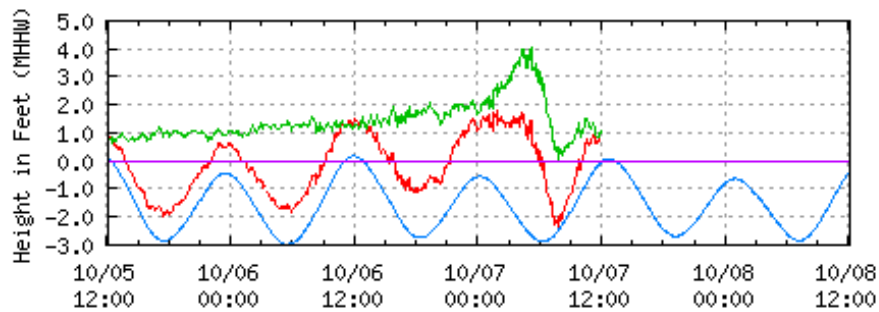


speed — gusts — direction +

Last Observed Sample: 10/07/2016 11:54 (EDT)

Wind Speed: 10 knots Gusts: 15 knots Direction: 71° T

NOAA/NOS/CO-OPS 8721604 Trident Pier, FL
Preliminary Water Level, relative to Mean Higher High Water(MHHW)



Predicted Tide — (Obs-Pred) —
Observed WL — MHHW —

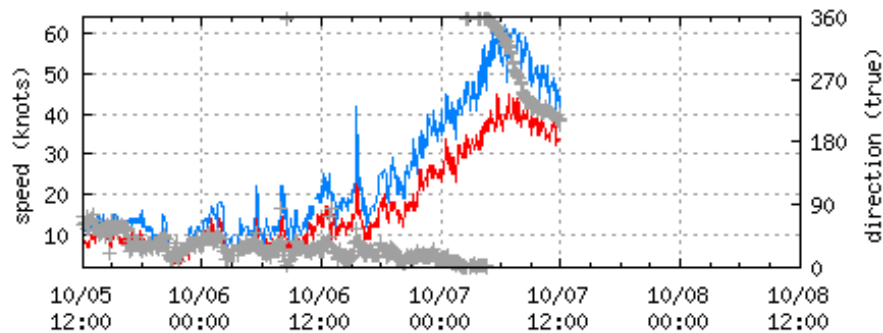
Last Observed Sample: 10/07/2016 12:00 (EDT). Data relative to MHHW

Observed: 1.06 ft. Predicted: -0.02 ft. Residual: 1.08 ft.

Historical Maximum Water Level: Sep 26 2004, 4.01 ft.

Next High Tide: 10/07/2016 12:44 (EDT), 0.08 ft.

NOAA/NOS/CO-OPS 8721604 Trident Pier, FL
Wind Speed / Gusts / Direction

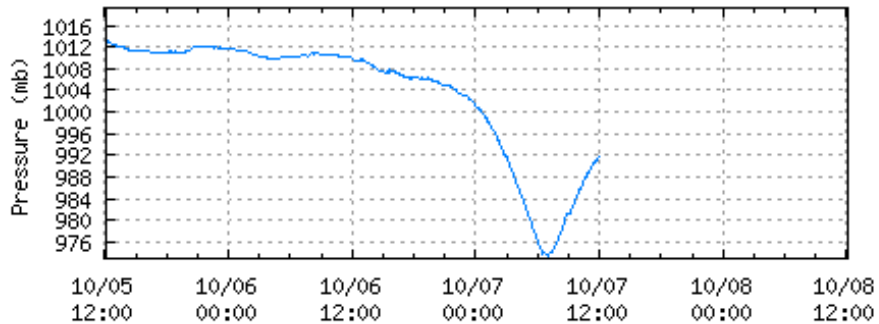


speed — gusts — direction +

Last Observed Sample: 10/07/2016 12:00 (EDT)

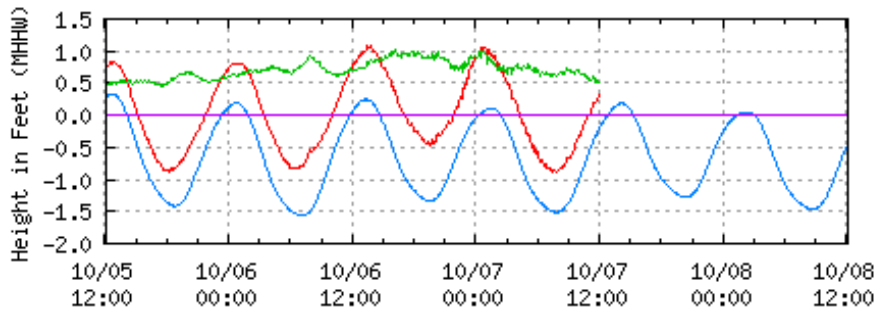
Wind Speed: 34 knots Gusts: 42 knots Direction: 214° T

NOAA/NOS/CO-OPS 8721604 Trident Pier, FL
Barometric Pressure



barometric pressure —
Last Observed Sample: 10/07/2016 12:00 (EDT)
Barometric Pressure: 991.9 mb

NOAA/NOS/CO-OPS 8723214 Virginia Key, FL
Preliminary Water Level, relative to Mean Higher High Water (MHHW)



Predicted Tide — (Obs-Pred) —
Observed WL — MHHW —

Last Observed Sample: 10/07/2016 12:00 (EDT). Data relative to MHHW

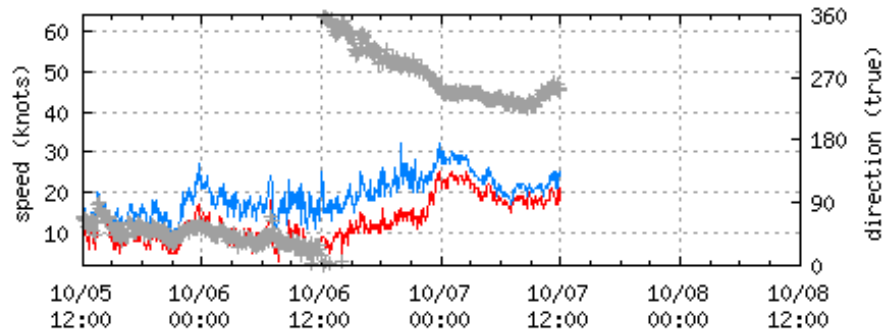
Observed: 0.32 ft. Predicted: -0.20 ft. Residual: 0.52 ft.

Historical Maximum Water Level: Oct 24 2005, 2.58 ft.

Next High Tide: 10/07/2016 14:10 (EDT), 0.18 ft.

NOAA/NOS/CO-OPS 8723214 Virginia Key, FL

Wind Speed / Gusts / Direction



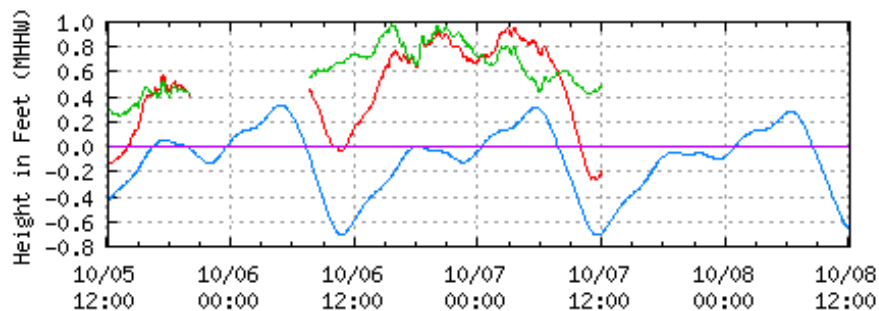
speed — gusts — direction +

Last Observed Sample: 10/07/2016 12:00 (EDT)

Wind Speed: 21 knots Gusts: 24 knots Direction: 251° T

NOAA/NOS/CO-OPS 8723970 Vaca Key, FL

Preliminary Water Level, relative to Mean Higher High Water (MHHW)



Predicted Tide —
Observed WL —

(Obs-Pred) —
MHHW —

Last Observed Sample: 10/07/2016 12:00 (EDT). Data relative to MHHW

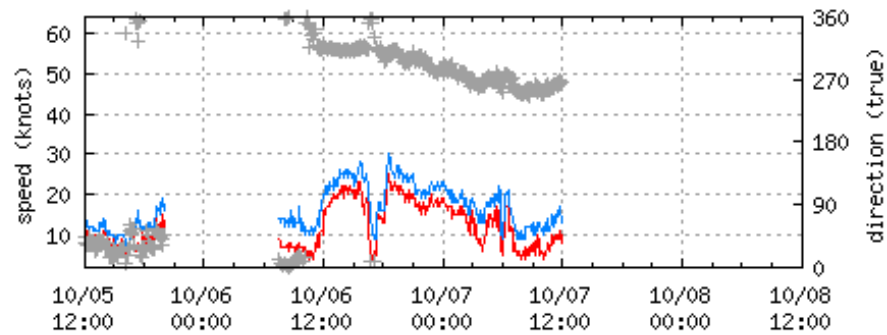
Observed: -0.19 ft. Predicted: -0.69 ft. Residual: 0.50 ft.

Historical Maximum Water Level: Oct 24 2005, 5.80 ft.

Next High Tide: 10/07/2016 18:53 (EDT), -0.05 ft.

NOAA/NOS/CO-OPS 8723970 Vaca Key, FL

Wind Speed / Gusts / Direction



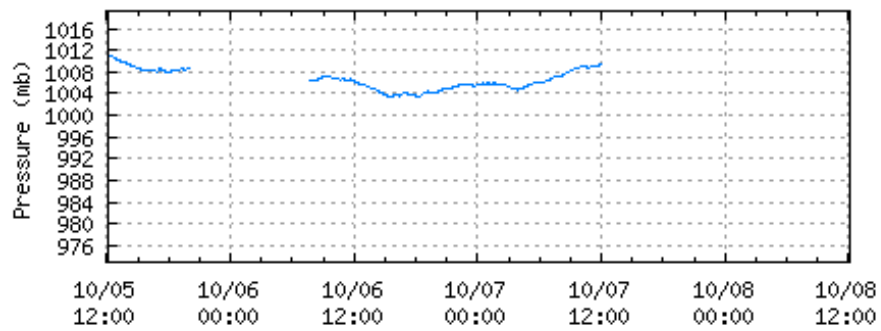
speed — gusts — direction +

Last Observed Sample: 10/07/2016 12:00 (EDT)

Wind Speed: 10 knots Gusts: 13 knots Direction: 267° T

NOAA/NOS/CO-OPS 8723970 Vaca Key, FL

Barometric Pressure



barometric pressure —

Last Observed Sample: 10/07/2016 12:00 (EDT)

Barometric Pressure: 1009.3 mb

Latest Water Level Observations on MHHW

Station ID	Station Name	Date/Time	Observed Water Level	Predicted Tide	Residual Water Level	24 Hour Maximum Storm Tide
8720218	Mayport (Bar Pilots Dock), FL	10/07/2016 12:00 (EDT)	1.80 ft	-0.12 ft	1.92 ft	1.82 ft
8720219	Dames Point, FL	10/07/2016 12:00 (EDT)	1.24 ft	-0.09 ft	1.33 ft	1.54 ft
8720226	Southbank Riverwalk, St Johns River, FL	10/07/2016 11:54 (EDT)	0.88 ft	-0.75 ft	1.63 ft	1.56 ft
8720357	I-295 Bridge, St Johns River, FL	10/07/2016 12:00 (EDT)	1.47 ft	-0.07 ft	1.54 ft	2.02 ft
8720503	Red Bay Point, St Johns River, FL	10/07/2016 12:00 (EDT)	2.06 ft	-0.87 ft	2.93 ft	2.15 ft
8720625	Racy Point, St Johns River, FL	10/07/2016 12:00 (EDT)	3.06 ft	-0.45 ft	3.51 ft	3.06 ft
8720030	Fernandina Beach, FL	10/07/2016 12:00 (EDT)	1.49 ft	-0.92 ft	2.41 ft	1.49 ft
8670870	Fort Pulaski, GA	10/07/2016 11:54 (EDT)	0.63 ft	-0.81 ft	1.44 ft	1.10 ft
8665530	Charleston, SC	10/07/2016 12:00 (EDT)	1.21 ft	-0.37 ft	1.58 ft	1.21 ft
8662245	Oyster Landing (N Inlet Estuary), SC	10/07/2016 11:54 (EDT)	0.52 ft	-0.55 ft	1.07 ft	1.04 ft
8661070	Springmaid Pier, SC	10/07/2016 12:00 (EDT)	0.89 ft	-0.45 ft	1.34 ft	0.89 ft
8658163	Wrightsville Beach, NC	n/a	n/a	n/a	n/a	n/a
8658120	Wilmington, NC	10/07/2016 12:00 (EDT)	0.14 ft	-1.14 ft	1.28 ft	0.90 ft
8656483	Beaufort, NC	10/07/2016 11:54 (EDT)	1.00 ft	-0.08 ft	1.08 ft	1.18 ft
8652587	Oregon Inlet Marina, NC	10/07/2016 11:54 (EDT)	0.69 ft	-0.05 ft	0.74 ft	0.88 ft
8721604	Trident Pier, FL	10/07/2016 12:00 (EDT)	1.06 ft	-0.02 ft	1.08 ft	1.78 ft
8723214	Virginia Key, FL	10/07/2016 12:00 (EDT)	0.32 ft	-0.20 ft	0.52 ft	1.08 ft
8723970	Vaca Key, FL	10/07/2016 12:00 (EDT)	-0.19 ft	-0.69 ft	0.50 ft	0.96 ft

Center for Operational Oceanographic Products & Services (CO-OPS) | National Ocean Service (NOS)
National Oceanic and Atmospheric Administration | U.S. Department of Commerce